

Hit Summary Sheet SW-846

SDG No.: Q3277
Client: G Environmental

Order ID: Q3277
Project ID: Newport

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC1								
Q3277-01	WC1	SOIL	Aluminum	6620		0.75	4.45	mg/Kg
Q3277-01	WC1	SOIL	Arsenic	5.32		0.17	0.89	mg/Kg
Q3277-01	WC1	SOIL	Barium	57.3		0.65	4.45	mg/Kg
Q3277-01	WC1	SOIL	Beryllium	0.63		0.022	0.27	mg/Kg
Q3277-01	WC1	SOIL	Cadmium	0.87		0.021	0.27	mg/Kg
Q3277-01	WC1	SOIL	Calcium	11100		9.89	89.1	mg/Kg
Q3277-01	WC1	SOIL	Chromium	13.2		0.042	0.45	mg/Kg
Q3277-01	WC1	SOIL	Cobalt	7.18		0.089	1.34	mg/Kg
Q3277-01	WC1	SOIL	Copper	33.9		0.20	0.89	mg/Kg
Q3277-01	WC1	SOIL	Iron	18000		3.55	4.45	mg/Kg
Q3277-01	WC1	SOIL	Lead	116		0.12	0.54	mg/Kg
Q3277-01	WC1	SOIL	Magnesium	6300		10.7	89.1	mg/Kg
Q3277-01	WC1	SOIL	Manganese	235		0.13	0.89	mg/Kg
Q3277-01	WC1	SOIL	Mercury	0.27		0.0070	0.012	mg/Kg
Q3277-01	WC1	SOIL	Nickel	15.2		0.12	1.78	mg/Kg
Q3277-01	WC1	SOIL	Potassium	789		24.7	89.1	mg/Kg
Q3277-01	WC1	SOIL	Silver	0.46		0.11	0.45	mg/Kg
Q3277-01	WC1	SOIL	Sodium	439		15.9	89.1	mg/Kg
Q3277-01	WC1	SOIL	Vanadium	21.4		0.22	1.78	mg/Kg
Q3277-01	WC1	SOIL	Zinc	125		0.21	1.78	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	09/30/25
Project:	Newport	Date Received:	10/02/25
Client Sample ID:	WC1	SDG No.:	Q3277
Lab Sample ID:	Q3277-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	97.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6620		1	0.75	4.45	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7440-36-0	Antimony	0.20	UN	1	0.20	2.23	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7440-38-2	Arsenic	5.32		1	0.17	0.89	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7440-39-3	Barium	57.3		1	0.65	4.45	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7440-41-7	Beryllium	0.63		1	0.022	0.27	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7440-43-9	Cadmium	0.87	*	1	0.021	0.27	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7440-70-2	Calcium	11100		1	9.89	89.1	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7440-47-3	Chromium	13.2		1	0.042	0.45	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7440-48-4	Cobalt	7.18	N	1	0.089	1.34	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7440-50-8	Copper	33.9	N	1	0.20	0.89	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7439-89-6	Iron	18000		1	3.55	4.45	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7439-92-1	Lead	116		1	0.12	0.54	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7439-95-4	Magnesium	6300		1	10.7	89.1	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7439-96-5	Manganese	235		1	0.13	0.89	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7439-97-6	Mercury	0.27		1	0.0070	0.012	mg/Kg	10/06/25 09:25	10/06/25 15:28	7471B	
7440-02-0	Nickel	15.2		1	0.12	1.78	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7440-09-7	Potassium	789		1	24.7	89.1	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7782-49-2	Selenium	0.23	U	1	0.23	0.89	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7440-22-4	Silver	0.46		1	0.11	0.45	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7440-23-5	Sodium	439		1	15.9	89.1	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7440-28-0	Thallium	0.21	U	1	0.21	1.78	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7440-62-2	Vanadium	21.4	N	1	0.22	1.78	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050
7440-66-6	Zinc	125		1	0.21	1.78	mg/Kg	10/03/25 10:30	10/07/25 15:04	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits



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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB59	Mercury	0.076	+/-0.2	U	0.20	CV	10/06/2025	14:58	LB137429

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB83	Mercury	0.076	+/-0.2	U	0.20	CV	10/06/2025	15:03	LB137429
CCB84	Mercury	0.076	+/-0.2	U	0.20	CV	10/06/2025	15:33	LB137429
CCB85	Mercury	0.076	+/-0.2	U	0.20	CV	10/06/2025	16:02	LB137429

Metals

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Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	10/07/2025	12:06	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	12:06	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	12:06	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	12:06	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	12:06	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	12:06	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	12:06	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	12:06	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	12:06	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	12:06	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	12:06	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	12:06	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	12:06	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	12:06	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	12:06	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	12:06	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	12:06	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	12:06	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	12:06	LB137447
	Thallium	5.24	+/-20	J	40.0	P	10/07/2025	12:06	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	12:06	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	12:06	LB137447

Metals

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Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	10/07/2025	12:58	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	12:58	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	12:58	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	12:58	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	12:58	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	12:58	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	12:58	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	12:58	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	12:58	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	12:58	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	12:58	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	12:58	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	12:58	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	12:58	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	12:58	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	12:58	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	12:58	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	12:58	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	12:58	LB137447
	Thallium	4.38	+/-20	U	40.0	P	10/07/2025	12:58	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	12:58	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	12:58	LB137447
CCB02	Aluminum	14.4	+/-50	J	100	P	10/07/2025	14:24	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	14:24	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	14:24	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	14:24	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	14:24	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	14:24	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	14:24	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	14:24	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	14:24	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	14:24	LB137447
	Iron	28.4	+/-50	J	100	P	10/07/2025	14:24	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	14:24	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	14:24	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	14:24	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	14:24	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	14:24	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	14:24	LB137447

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	10/07/2025	14:24	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	14:24	LB137447
	Thallium	5.15	+/-20	J	40.0	P	10/07/2025	14:24	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	14:24	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	14:24	LB137447
CCB03	Aluminum	11.3	+/-50	U	100	P	10/07/2025	15:12	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	15:12	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	15:12	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	15:12	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	15:12	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	15:12	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	15:12	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	15:12	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	15:12	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	15:12	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	15:12	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	15:12	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	15:12	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	15:12	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	15:12	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	15:12	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	15:12	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	15:12	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	15:12	LB137447
	Thallium	6.22	+/-20	J	40.0	P	10/07/2025	15:12	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	15:12	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	15:12	LB137447
CCB04	Aluminum	11.3	+/-50	U	100	P	10/07/2025	16:04	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	16:04	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	16:04	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	16:04	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	16:04	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	16:04	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	16:04	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	16:04	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	16:04	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	16:04	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	16:04	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	16:04	LB137447

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

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Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	10/07/2025	16:04	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	16:04	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	16:04	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	16:04	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	16:04	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	16:04	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	16:04	LB137447
	Thallium	5.51	+/-20	J	40.0	P	10/07/2025	16:04	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	16:04	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	16:04	LB137447
CCB05	Aluminum	11.3	+/-50	U	100	P	10/07/2025	17:01	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	17:01	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	17:01	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	17:01	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	17:01	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	17:01	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	17:01	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	17:01	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	17:01	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	17:01	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	17:01	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	17:01	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	17:01	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	17:01	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	17:01	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	17:01	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	17:01	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	17:01	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	17:01	LB137447
	Thallium	5.07	+/-20	J	40.0	P	10/07/2025	17:01	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	17:01	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	17:01	LB137447
CCB06	Aluminum	11.3	+/-50	U	100	P	10/07/2025	17:59	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	17:59	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	17:59	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	17:59	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	17:59	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	17:59	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	17:59	LB137447

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

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Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	17:59	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	17:59	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	17:59	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	17:59	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	17:59	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	17:59	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	17:59	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	17:59	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	17:59	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	17:59	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	17:59	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	17:59	LB137447
	Thallium	4.38	+/-20	U	40.0	P	10/07/2025	17:59	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	17:59	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	17:59	LB137447
CCB07	Aluminum	11.3	+/-50	U	100	P	10/07/2025	18:48	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	18:48	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	18:48	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	18:48	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	18:48	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	18:48	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	18:48	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	18:48	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	18:48	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	18:48	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	18:48	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	18:48	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	18:48	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	18:48	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	18:48	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	18:48	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	18:48	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	18:48	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	18:48	LB137447
	Thallium	4.38	+/-20	U	40.0	P	10/07/2025	18:48	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	18:48	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	18:48	LB137447
CCB08	Aluminum	11.3	+/-50	U	100	P	10/07/2025	19:24	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	19:24	LB137447

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	19:24	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	19:24	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	19:24	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	19:24	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	19:24	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	19:24	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	19:24	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	19:24	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	19:24	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	19:24	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	19:24	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	19:24	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	19:24	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	19:24	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	19:24	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	19:24	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	19:24	LB137447
	Thallium	4.38	+/-20	U	40.0	P	10/07/2025	19:24	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	19:24	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	19:24	LB137447

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3277

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169993BL		SOLID		Batch Number:	PB169993		Prep Date:	10/06/2025	
	Mercury	0.0070	<0.013	U	0.013	CV	10/06/2025	15:13	LB137429

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental

SDG No.: Q3277

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169979BL	SOLID			Batch Number:	PB169979		Prep Date:	10/03/2025	
	Aluminum	0.84	<2.5	U	5.00	P	10/07/2025	15:52	LB137447
	Antimony	0.22	<1.25	U	2.50	P	10/07/2025	15:52	LB137447
	Arsenic	0.19	<0.5	U	1.00	P	10/07/2025	15:52	LB137447
	Barium	0.73	<2.5	U	5.00	P	10/07/2025	15:52	LB137447
	Beryllium	0.025	<0.15	U	0.30	P	10/07/2025	15:52	LB137447
	Cadmium	0.024	<0.15	U	0.30	P	10/07/2025	15:52	LB137447
	Calcium	11.1	<50	U	100	P	10/07/2025	15:52	LB137447
	Chromium	0.047	<0.25	U	0.50	P	10/07/2025	15:52	LB137447
	Cobalt	0.10	<0.75	U	1.50	P	10/07/2025	15:52	LB137447
	Copper	0.22	<0.5	U	1.00	P	10/07/2025	15:52	LB137447
	Iron	3.99	<2.5	U	5.00	P	10/07/2025	15:52	LB137447
	Lead	0.13	<0.3	U	0.60	P	10/07/2025	15:52	LB137447
	Magnesium	12.0	<50	U	100	P	10/07/2025	15:52	LB137447
	Manganese	0.14	<0.5	U	1.00	P	10/07/2025	15:52	LB137447
	Nickel	0.13	<1	U	2.00	P	10/07/2025	15:52	LB137447
	Potassium	27.7	<50	U	100	P	10/07/2025	15:52	LB137447
	Selenium	0.26	<0.5	U	1.00	P	10/07/2025	15:52	LB137447
	Silver	0.12	<0.25	U	0.50	P	10/07/2025	15:52	LB137447
	Sodium	17.8	<50	U	100	P	10/07/2025	15:52	LB137447
	Thallium	0.23	<1	U	2.00	P	10/07/2025	15:52	LB137447
	Vanadium	0.25	<1	U	2.00	P	10/07/2025	15:52	LB137447
	Zinc	0.23	<1	U	2.00	P	10/07/2025	15:52	LB137447



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV59	Mercury	4.07	4.0	102	90 - 110	CV	10/06/2025	14:56	LB137429

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV83	Mercury	4.89	5.0	98	90 - 110	CV	10/06/2025	15:01	LB137429
CCV84	Mercury	4.84	5.0	97	90 - 110	CV	10/06/2025	15:30	LB137429
CCV85	Mercury	4.83	5.0	97	90 - 110	CV	10/06/2025	15:59	LB137429

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7920	8000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Antimony	4110	4000	103	90 - 110	P	10/07/2025	10:54	LB137447
	Arsenic	4000	4000	100	90 - 110	P	10/07/2025	10:54	LB137447
	Barium	7940	8000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Beryllium	201	200	100	90 - 110	P	10/07/2025	10:54	LB137447
	Cadmium	1980	2000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Calcium	19900	20000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Chromium	817	800	102	90 - 110	P	10/07/2025	10:54	LB137447
	Cobalt	1980	2000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Copper	1020	1000	102	90 - 110	P	10/07/2025	10:54	LB137447
	Iron	4130	4000	103	90 - 110	P	10/07/2025	10:54	LB137447
	Lead	3890	4000	97	90 - 110	P	10/07/2025	10:54	LB137447
	Magnesium	19900	20000	100	90 - 110	P	10/07/2025	10:54	LB137447
	Manganese	1990	2000	100	90 - 110	P	10/07/2025	10:54	LB137447
	Nickel	1980	2000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Potassium	20200	20000	101	90 - 110	P	10/07/2025	10:54	LB137447
	Selenium	4000	4000	100	90 - 110	P	10/07/2025	10:54	LB137447
	Silver	1030	1000	103	90 - 110	P	10/07/2025	10:54	LB137447
	Sodium	20100	20000	100	90 - 110	P	10/07/2025	10:54	LB137447
	Thallium	3720	4000	93	90 - 110	P	10/07/2025	10:54	LB137447
	Vanadium	1980	2000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Zinc	2020	2000	101	90 - 110	P	10/07/2025	10:54	LB137447

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	92.2	100	92	80 - 120	P	10/07/2025	12:01	LB137447
	Antimony	49.4	50.0	99	80 - 120	P	10/07/2025	12:01	LB137447
	Arsenic	18.4	20.0	92	80 - 120	P	10/07/2025	12:01	LB137447
	Barium	95.7	100	96	80 - 120	P	10/07/2025	12:01	LB137447
	Beryllium	6.20	6.0	103	80 - 120	P	10/07/2025	12:01	LB137447
	Cadmium	5.85	6.0	98	80 - 120	P	10/07/2025	12:01	LB137447
	Calcium	2020	2000	101	80 - 120	P	10/07/2025	12:01	LB137447
	Chromium	9.65	10.0	96	80 - 120	P	10/07/2025	12:01	LB137447
	Cobalt	29.0	30.0	97	80 - 120	P	10/07/2025	12:01	LB137447
	Copper	21.9	20.0	110	80 - 120	P	10/07/2025	12:01	LB137447
	Iron	119	100	119	80 - 120	P	10/07/2025	12:01	LB137447
	Lead	11.1	12.0	93	80 - 120	P	10/07/2025	12:01	LB137447
	Magnesium	2070	2000	104	80 - 120	P	10/07/2025	12:01	LB137447
	Manganese	20.8	20.0	104	80 - 120	P	10/07/2025	12:01	LB137447
	Nickel	39.6	40.0	99	80 - 120	P	10/07/2025	12:01	LB137447
	Potassium	1910	2000	95	80 - 120	P	10/07/2025	12:01	LB137447
	Selenium	23.6	20.0	118	80 - 120	P	10/07/2025	12:01	LB137447
	Silver	9.88	10.0	99	80 - 120	P	10/07/2025	12:01	LB137447
	Sodium	1890	2000	94	80 - 120	P	10/07/2025	12:01	LB137447
	Thallium	43.0	40.0	107	80 - 120	P	10/07/2025	12:01	LB137447
	Vanadium	37.3	40.0	93	80 - 120	P	10/07/2025	12:01	LB137447
	Zinc	36.9	40.0	92	80 - 120	P	10/07/2025	12:01	LB137447

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

Contract: GENV01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3277

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10100	10000	101	90 - 110	P	10/07/2025	12:50	LB137447
	Antimony	5050	5000	101	90 - 110	P	10/07/2025	12:50	LB137447
	Arsenic	5080	5000	102	90 - 110	P	10/07/2025	12:50	LB137447
	Barium	9980	10000	100	90 - 110	P	10/07/2025	12:50	LB137447
	Beryllium	252	250	101	90 - 110	P	10/07/2025	12:50	LB137447
	Cadmium	2510	2500	100	90 - 110	P	10/07/2025	12:50	LB137447
	Calcium	25200	25000	101	90 - 110	P	10/07/2025	12:50	LB137447
	Chromium	1030	1000	103	90 - 110	P	10/07/2025	12:50	LB137447
	Cobalt	2490	2500	100	90 - 110	P	10/07/2025	12:50	LB137447
	Copper	1270	1250	101	90 - 110	P	10/07/2025	12:50	LB137447
	Iron	5200	5000	104	90 - 110	P	10/07/2025	12:50	LB137447
	Lead	4980	5000	100	90 - 110	P	10/07/2025	12:50	LB137447
	Magnesium	25200	25000	101	90 - 110	P	10/07/2025	12:50	LB137447
	Manganese	2490	2500	100	90 - 110	P	10/07/2025	12:50	LB137447
	Nickel	2490	2500	100	90 - 110	P	10/07/2025	12:50	LB137447
	Potassium	25500	25000	102	90 - 110	P	10/07/2025	12:50	LB137447
	Selenium	5150	5000	103	90 - 110	P	10/07/2025	12:50	LB137447
	Silver	1280	1250	103	90 - 110	P	10/07/2025	12:50	LB137447
	Sodium	25600	25000	102	90 - 110	P	10/07/2025	12:50	LB137447
	Thallium	4870	5000	97	90 - 110	P	10/07/2025	12:50	LB137447
	Vanadium	2520	2500	101	90 - 110	P	10/07/2025	12:50	LB137447
	Zinc	2600	2500	104	90 - 110	P	10/07/2025	12:50	LB137447
CCV02	Aluminum	9930	10000	99	90 - 110	P	10/07/2025	14:19	LB137447
	Antimony	5050	5000	101	90 - 110	P	10/07/2025	14:19	LB137447
	Arsenic	5080	5000	102	90 - 110	P	10/07/2025	14:19	LB137447
	Barium	9770	10000	98	90 - 110	P	10/07/2025	14:19	LB137447
	Beryllium	250	250	100	90 - 110	P	10/07/2025	14:19	LB137447
	Cadmium	2510	2500	100	90 - 110	P	10/07/2025	14:19	LB137447
	Calcium	24900	25000	100	90 - 110	P	10/07/2025	14:19	LB137447
	Chromium	1030	1000	103	90 - 110	P	10/07/2025	14:19	LB137447
	Cobalt	2480	2500	99	90 - 110	P	10/07/2025	14:19	LB137447
	Copper	1260	1250	101	90 - 110	P	10/07/2025	14:19	LB137447
	Iron	5340	5000	107	90 - 110	P	10/07/2025	14:19	LB137447
	Lead	4960	5000	99	90 - 110	P	10/07/2025	14:19	LB137447

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

Contract: GENV01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3277

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24900	25000	100	90 - 110	P	10/07/2025	14:19	LB137447
	Manganese	2480	2500	99	90 - 110	P	10/07/2025	14:19	LB137447
	Nickel	2490	2500	100	90 - 110	P	10/07/2025	14:19	LB137447
	Potassium	26100	25000	104	90 - 110	P	10/07/2025	14:19	LB137447
	Selenium	5190	5000	104	90 - 110	P	10/07/2025	14:19	LB137447
	Silver	1290	1250	103	90 - 110	P	10/07/2025	14:19	LB137447
	Sodium	25000	25000	100	90 - 110	P	10/07/2025	14:19	LB137447
	Thallium	5200	5000	104	90 - 110	P	10/07/2025	14:19	LB137447
	Vanadium	2500	2500	100	90 - 110	P	10/07/2025	14:19	LB137447
	Zinc	2600	2500	104	90 - 110	P	10/07/2025	14:19	LB137447
CCV03	Aluminum	10000	10000	100	90 - 110	P	10/07/2025	15:08	LB137447
	Antimony	4960	5000	99	90 - 110	P	10/07/2025	15:08	LB137447
	Arsenic	4970	5000	99	90 - 110	P	10/07/2025	15:08	LB137447
	Barium	9860	10000	99	90 - 110	P	10/07/2025	15:08	LB137447
	Beryllium	253	250	101	90 - 110	P	10/07/2025	15:08	LB137447
	Cadmium	2440	2500	98	90 - 110	P	10/07/2025	15:08	LB137447
	Calcium	25100	25000	100	90 - 110	P	10/07/2025	15:08	LB137447
	Chromium	1010	1000	101	90 - 110	P	10/07/2025	15:08	LB137447
	Cobalt	2420	2500	97	90 - 110	P	10/07/2025	15:08	LB137447
	Copper	1240	1250	99	90 - 110	P	10/07/2025	15:08	LB137447
	Iron	5120	5000	102	90 - 110	P	10/07/2025	15:08	LB137447
	Lead	4840	5000	97	90 - 110	P	10/07/2025	15:08	LB137447
	Magnesium	25100	25000	101	90 - 110	P	10/07/2025	15:08	LB137447
	Manganese	2510	2500	100	90 - 110	P	10/07/2025	15:08	LB137447
	Nickel	2430	2500	97	90 - 110	P	10/07/2025	15:08	LB137447
	Potassium	24200	25000	97	90 - 110	P	10/07/2025	15:08	LB137447
	Selenium	5070	5000	101	90 - 110	P	10/07/2025	15:08	LB137447
	Silver	1250	1250	100	90 - 110	P	10/07/2025	15:08	LB137447
	Sodium	23700	25000	95	90 - 110	P	10/07/2025	15:08	LB137447
	Thallium	4850	5000	97	90 - 110	P	10/07/2025	15:08	LB137447
CCV04	Vanadium	2540	2500	102	90 - 110	P	10/07/2025	15:08	LB137447
	Zinc	2520	2500	101	90 - 110	P	10/07/2025	15:08	LB137447
	Aluminum	9980	10000	100	90 - 110	P	10/07/2025	16:00	LB137447
	Antimony	5080	5000	102	90 - 110	P	10/07/2025	16:00	LB137447

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

Contract: GENV01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3277

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5090	5000	102	90 - 110	P	10/07/2025	16:00	LB137447
	Barium	9920	10000	99	90 - 110	P	10/07/2025	16:00	LB137447
	Beryllium	254	250	102	90 - 110	P	10/07/2025	16:00	LB137447
	Cadmium	2490	2500	100	90 - 110	P	10/07/2025	16:00	LB137447
	Calcium	25100	25000	100	90 - 110	P	10/07/2025	16:00	LB137447
	Chromium	1020	1000	102	90 - 110	P	10/07/2025	16:00	LB137447
	Cobalt	2480	2500	99	90 - 110	P	10/07/2025	16:00	LB137447
	Copper	1260	1250	101	90 - 110	P	10/07/2025	16:00	LB137447
	Iron	5080	5000	102	90 - 110	P	10/07/2025	16:00	LB137447
	Lead	4950	5000	99	90 - 110	P	10/07/2025	16:00	LB137447
	Magnesium	25200	25000	101	90 - 110	P	10/07/2025	16:00	LB137447
	Manganese	2530	2500	101	90 - 110	P	10/07/2025	16:00	LB137447
	Nickel	2480	2500	99	90 - 110	P	10/07/2025	16:00	LB137447
	Potassium	24300	25000	97	90 - 110	P	10/07/2025	16:00	LB137447
	Selenium	5180	5000	104	90 - 110	P	10/07/2025	16:00	LB137447
	Silver	1260	1250	101	90 - 110	P	10/07/2025	16:00	LB137447
	Sodium	23700	25000	95	90 - 110	P	10/07/2025	16:00	LB137447
	Thallium	5000	5000	100	90 - 110	P	10/07/2025	16:00	LB137447
	Vanadium	2540	2500	102	90 - 110	P	10/07/2025	16:00	LB137447
	Zinc	2550	2500	102	90 - 110	P	10/07/2025	16:00	LB137447
CCV05	Aluminum	9820	10000	98	90 - 110	P	10/07/2025	16:50	LB137447
	Antimony	4960	5000	99	90 - 110	P	10/07/2025	16:50	LB137447
	Arsenic	5000	5000	100	90 - 110	P	10/07/2025	16:50	LB137447
	Barium	9540	10000	95	90 - 110	P	10/07/2025	16:50	LB137447
	Beryllium	245	250	98	90 - 110	P	10/07/2025	16:50	LB137447
	Cadmium	2480	2500	99	90 - 110	P	10/07/2025	16:50	LB137447
	Calcium	24500	25000	98	90 - 110	P	10/07/2025	16:50	LB137447
	Chromium	1030	1000	103	90 - 110	P	10/07/2025	16:50	LB137447
	Cobalt	2450	2500	98	90 - 110	P	10/07/2025	16:50	LB137447
	Copper	1250	1250	100	90 - 110	P	10/07/2025	16:50	LB137447
	Iron	5320	5000	106	90 - 110	P	10/07/2025	16:50	LB137447
	Lead	4890	5000	98	90 - 110	P	10/07/2025	16:50	LB137447
	Magnesium	24700	25000	99	90 - 110	P	10/07/2025	16:50	LB137447
	Manganese	2430	2500	97	90 - 110	P	10/07/2025	16:50	LB137447

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental
Contract: GENV01
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3277
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2460	2500	98	90 - 110	P	10/07/2025	16:50	LB137447
	Potassium	26200	25000	105	90 - 110	P	10/07/2025	16:50	LB137447
	Selenium	5090	5000	102	90 - 110	P	10/07/2025	16:50	LB137447
	Silver	1280	1250	103	90 - 110	P	10/07/2025	16:50	LB137447
	Sodium	26000	25000	104	90 - 110	P	10/07/2025	16:50	LB137447
	Thallium	5150	5000	103	90 - 110	P	10/07/2025	16:50	LB137447
	Vanadium	2490	2500	99	90 - 110	P	10/07/2025	16:50	LB137447
	Zinc	2620	2500	105	90 - 110	P	10/07/2025	16:50	LB137447
CCV06	Aluminum	9870	10000	99	90 - 110	P	10/07/2025	17:49	LB137447
	Antimony	5030	5000	100	90 - 110	P	10/07/2025	17:49	LB137447
	Arsenic	5040	5000	101	90 - 110	P	10/07/2025	17:49	LB137447
	Barium	9460	10000	95	90 - 110	P	10/07/2025	17:49	LB137447
	Beryllium	244	250	98	90 - 110	P	10/07/2025	17:49	LB137447
	Cadmium	2460	2500	98	90 - 110	P	10/07/2025	17:49	LB137447
	Calcium	24400	25000	98	90 - 110	P	10/07/2025	17:49	LB137447
	Chromium	1000	1000	100	90 - 110	P	10/07/2025	17:49	LB137447
	Cobalt	2440	2500	98	90 - 110	P	10/07/2025	17:49	LB137447
	Copper	1250	1250	100	90 - 110	P	10/07/2025	17:49	LB137447
	Iron	4840	5000	97	90 - 110	P	10/07/2025	17:49	LB137447
	Lead	4880	5000	98	90 - 110	P	10/07/2025	17:49	LB137447
	Magnesium	24700	25000	99	90 - 110	P	10/07/2025	17:49	LB137447
	Manganese	2420	2500	97	90 - 110	P	10/07/2025	17:49	LB137447
	Nickel	2450	2500	98	90 - 110	P	10/07/2025	17:49	LB137447
	Potassium	25200	25000	101	90 - 110	P	10/07/2025	17:49	LB137447
	Selenium	5150	5000	103	90 - 110	P	10/07/2025	17:49	LB137447
	Silver	1230	1250	98	90 - 110	P	10/07/2025	17:49	LB137447
	Sodium	23800	25000	95	90 - 110	P	10/07/2025	17:49	LB137447
	Thallium	4750	5000	95	90 - 110	P	10/07/2025	17:49	LB137447
	Vanadium	2460	2500	98	90 - 110	P	10/07/2025	17:49	LB137447
	Zinc	2480	2500	99	90 - 110	P	10/07/2025	17:49	LB137447
CCV07	Aluminum	9840	10000	98	90 - 110	P	10/07/2025	18:44	LB137447
	Antimony	5100	5000	102	90 - 110	P	10/07/2025	18:44	LB137447
	Arsenic	5120	5000	102	90 - 110	P	10/07/2025	18:44	LB137447
	Barium	9570	10000	96	90 - 110	P	10/07/2025	18:44	LB137447

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

Contract: GENV01

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3277

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	244	250	98	90 - 110	P	10/07/2025	18:44	LB137447
	Cadmium	2470	2500	99	90 - 110	P	10/07/2025	18:44	LB137447
	Calcium	24400	25000	98	90 - 110	P	10/07/2025	18:44	LB137447
	Chromium	997	1000	100	90 - 110	P	10/07/2025	18:44	LB137447
	Cobalt	2460	2500	98	90 - 110	P	10/07/2025	18:44	LB137447
	Copper	1260	1250	101	90 - 110	P	10/07/2025	18:44	LB137447
	Iron	4950	5000	99	90 - 110	P	10/07/2025	18:44	LB137447
	Lead	4920	5000	98	90 - 110	P	10/07/2025	18:44	LB137447
	Magnesium	24600	25000	98	90 - 110	P	10/07/2025	18:44	LB137447
	Manganese	2440	2500	98	90 - 110	P	10/07/2025	18:44	LB137447
	Nickel	2470	2500	99	90 - 110	P	10/07/2025	18:44	LB137447
	Potassium	24000	25000	96	90 - 110	P	10/07/2025	18:44	LB137447
	Selenium	5280	5000	106	90 - 110	P	10/07/2025	18:44	LB137447
	Silver	1230	1250	98	90 - 110	P	10/07/2025	18:44	LB137447
	Sodium	24600	25000	98	90 - 110	P	10/07/2025	18:44	LB137447
	Thallium	5050	5000	101	90 - 110	P	10/07/2025	18:44	LB137447
	Vanadium	2480	2500	99	90 - 110	P	10/07/2025	18:44	LB137447
	Zinc	2480	2500	99	90 - 110	P	10/07/2025	18:44	LB137447
CCV08	Aluminum	9510	10000	95	90 - 110	P	10/07/2025	19:20	LB137447
	Antimony	4850	5000	97	90 - 110	P	10/07/2025	19:20	LB137447
	Arsenic	4850	5000	97	90 - 110	P	10/07/2025	19:20	LB137447
	Barium	9160	10000	92	90 - 110	P	10/07/2025	19:20	LB137447
	Beryllium	238	250	95	90 - 110	P	10/07/2025	19:20	LB137447
	Cadmium	2370	2500	95	90 - 110	P	10/07/2025	19:20	LB137447
	Calcium	23500	25000	94	90 - 110	P	10/07/2025	19:20	LB137447
	Chromium	967	1000	97	90 - 110	P	10/07/2025	19:20	LB137447
	Cobalt	2360	2500	94	90 - 110	P	10/07/2025	19:20	LB137447
	Copper	1210	1250	96	90 - 110	P	10/07/2025	19:20	LB137447
	Iron	4810	5000	96	90 - 110	P	10/07/2025	19:20	LB137447
	Lead	4720	5000	94	90 - 110	P	10/07/2025	19:20	LB137447
	Magnesium	23900	25000	96	90 - 110	P	10/07/2025	19:20	LB137447
	Manganese	2350	2500	94	90 - 110	P	10/07/2025	19:20	LB137447
	Nickel	2360	2500	94	90 - 110	P	10/07/2025	19:20	LB137447
	Potassium	23100	25000	92	90 - 110	P	10/07/2025	19:20	LB137447

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4950	5000	99	90 - 110	P	10/07/2025	19:20	LB137447
	Silver	1200	1250	96	90 - 110	P	10/07/2025	19:20	LB137447
	Sodium	24000	25000	96	90 - 110	P	10/07/2025	19:20	LB137447
	Thallium	4540	5000	91	90 - 110	P	10/07/2025	19:20	LB137447
	Vanadium	2380	2500	95	90 - 110	P	10/07/2025	19:20	LB137447
	Zinc	2420	2500	97	90 - 110	P	10/07/2025	19:20	LB137447

Metals

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CRDL STANDARD FOR AA & ICP

Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.20	0.2	98	70 - 130	CV	10/06/2025	15:06	LB137429
CRI01	Aluminum	90.0	100	90	65 - 135	P	10/07/2025	12:10	LB137447
	Antimony	49.9	50.0	100	65 - 135	P	10/07/2025	12:10	LB137447
	Arsenic	17.7	20.0	88	65 - 135	P	10/07/2025	12:10	LB137447
	Barium	97.4	100	97	65 - 135	P	10/07/2025	12:10	LB137447
	Beryllium	6.27	6.0	104	65 - 135	P	10/07/2025	12:10	LB137447
	Cadmium	5.96	6.0	99	65 - 135	P	10/07/2025	12:10	LB137447
	Calcium	2040	2000	102	65 - 135	P	10/07/2025	12:10	LB137447
	Chromium	9.90	10.0	99	65 - 135	P	10/07/2025	12:10	LB137447
	Cobalt	29.6	30.0	99	65 - 135	P	10/07/2025	12:10	LB137447
	Copper	22.2	20.0	111	65 - 135	P	10/07/2025	12:10	LB137447
	Iron	123	100	123	65 - 135	P	10/07/2025	12:10	LB137447
	Lead	12.1	12.0	101	65 - 135	P	10/07/2025	12:10	LB137447
	Magnesium	2090	2000	104	65 - 135	P	10/07/2025	12:10	LB137447
	Manganese	20.9	20.0	105	65 - 135	P	10/07/2025	12:10	LB137447
	Nickel	40.1	40.0	100	65 - 135	P	10/07/2025	12:10	LB137447
	Potassium	1880	2000	94	65 - 135	P	10/07/2025	12:10	LB137447
	Selenium	22.6	20.0	113	65 - 135	P	10/07/2025	12:10	LB137447
	Silver	9.85	10.0	98	65 - 135	P	10/07/2025	12:10	LB137447
	Sodium	1910	2000	95	65 - 135	P	10/07/2025	12:10	LB137447
	Thallium	45.0	40.0	113	65 - 135	P	10/07/2025	12:10	LB137447
	Vanadium	37.6	40.0	94	65 - 135	P	10/07/2025	12:10	LB137447
	Zinc	37.9	40.0	95	65 - 135	P	10/07/2025	12:10	LB137447

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>G Environmental</u>	SDG No.: <u>Q3277</u>
Contract: <u>GENV01</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	243000	255000	95	216000	294000	10/07/2025	12:14	LB137447
	Antimony	-5.05			-50	50	10/07/2025	12:14	LB137447
	Arsenic	3.53			-20	20	10/07/2025	12:14	LB137447
	Barium	-8.30	6.0	138	-94	106	10/07/2025	12:14	LB137447
	Beryllium	1.74			-6	6	10/07/2025	12:14	LB137447
	Cadmium	2.40	1.0	240	-5	7	10/07/2025	12:14	LB137447
	Calcium	234000	245000	96	208000	282000	10/07/2025	12:14	LB137447
	Chromium	47.2	52.0	91	42	62	10/07/2025	12:14	LB137447
	Cobalt	1.06			-30	30	10/07/2025	12:14	LB137447
	Copper	13.8	2.0	690	-18	22	10/07/2025	12:14	LB137447
	Iron	94400	101000	94	85600	116500	10/07/2025	12:14	LB137447
	Lead	-1.11			-12	12	10/07/2025	12:14	LB137447
	Magnesium	246000	255000	96	216000	294000	10/07/2025	12:14	LB137447
	Manganese	6.71	7.0	96	-13	27	10/07/2025	12:14	LB137447
	Nickel	2.60	2.0	130	-38	42	10/07/2025	12:14	LB137447
	Potassium	-102			0	0	10/07/2025	12:14	LB137447
	Selenium	8.06			-20	20	10/07/2025	12:14	LB137447
	Silver	-0.34			-10	10	10/07/2025	12:14	LB137447
	Sodium	-109			0	0	10/07/2025	12:14	LB137447
	Thallium	33.6			-40	40	10/07/2025	12:14	LB137447
	Vanadium	-0.97			-40	40	10/07/2025	12:14	LB137447
	Zinc	-0.92			-40	40	10/07/2025	12:14	LB137447
ICSAB01	Aluminum	247000	247000	100	209000	285000	10/07/2025	12:37	LB137447
	Antimony	604	618	98	525	711	10/07/2025	12:37	LB137447
	Arsenic	107	104	103	88.4	120	10/07/2025	12:37	LB137447
	Barium	477	537	89	437	637	10/07/2025	12:37	LB137447
	Beryllium	496	495	100	420	570	10/07/2025	12:37	LB137447
	Cadmium	990	972	102	826	1120	10/07/2025	12:37	LB137447
	Calcium	231000	235000	98	199000	271000	10/07/2025	12:37	LB137447
	Chromium	540	542	100	460	624	10/07/2025	12:37	LB137447
	Cobalt	493	476	104	404	548	10/07/2025	12:37	LB137447
	Copper	489	511	96	434	588	10/07/2025	12:37	LB137447
	Iron	97100	99300	98	84400	114500	10/07/2025	12:37	LB137447
	Lead	50.4	49.0	103	37	61	10/07/2025	12:37	LB137447
	Magnesium	246000	248000	99	210000	286000	10/07/2025	12:37	LB137447
	Manganese	477	507	94	430	584	10/07/2025	12:37	LB137447
	Nickel	982	954	103	810	1100	10/07/2025	12:37	LB137447
	Potassium	-317			0	0	10/07/2025	12:37	LB137447
	Selenium	60.1	46.0	131	26	66	10/07/2025	12:37	LB137447
	Silver	205	201	102	170	232	10/07/2025	12:37	LB137447
	Sodium	-119			0	0	10/07/2025	12:37	LB137447
	Thallium	140	108	130	68	148	10/07/2025	12:37	LB137447

Metals

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INTERFERENCE CHECK SAMPLE

Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

ICS Source: EPA

Instrument ID: P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	475	491	97	417	565	10/07/2025	12:37	LB137447
	Zinc	1020	952	107	809	1095	10/07/2025	12:37	LB137447



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q3277
contract: GENV01 **lab code:** ACE
matrix: Solid **sample id:** Q3271-01 **client id:** 72-11929MS

Percent Solids for Sample: 90.1 **Spiked ID:** Q3271-01MS **Percent Solids for Spike Sample:** 90.1

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	14800		14700		100	92		P
Antimony	mg/Kg	75 - 125	12.5		2.35	U	40.4	31	N	P
Arsenic	mg/Kg	75 - 125	36.8		3.92		40.4	81		P
Barium	mg/Kg	75 - 125	117		118		10.1	-13		P
Beryllium	mg/Kg	75 - 125	9.25		1.33		10.1	78		P
Cadmium	mg/Kg	75 - 125	11.0		1.06		10.1	99		P
Calcium	mg/Kg	75 - 125	2050		2580		50.4	-1060		P
Chromium	mg/Kg	75 - 125	38.1		22.9		20.2	75		P
Cobalt	mg/Kg	75 - 125	26.0		18.9		10.1	71	N	P
Copper	mg/Kg	75 - 125	30.3		19.7		15.1	70	N	P
Iron	mg/Kg	75 - 125	30500		31600		150	-726		P
Lead	mg/Kg	75 - 125	71.9		26.2		50.4	91		P
Magnesium	mg/Kg	75 - 125	5640		5950		100	-315		P
Manganese	mg/Kg	75 - 125	577		629		10.1	-521		P
Nickel	mg/Kg	75 - 125	54.5		32.5		25.2	87		P
Potassium	mg/Kg	75 - 125	1990		1540		500	90		P
Selenium	mg/Kg	75 - 125	81.2		0.78	J	100	80		P
Silver	mg/Kg	75 - 125	4.19		0.87		3.8	88		P
Sodium	mg/Kg	75 - 125	281		168		150	76		P
Thallium	mg/Kg	75 - 125	94.1		1.88	U	100	94		P
Vanadium	mg/Kg	75 - 125	52.7		40.3		15.1	82		P
Zinc	mg/Kg	75 - 125	78.9		78.0		10.1	9		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q3277</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3271-01</u>	client id: <u>72-11929MSD</u>
Percent Solids for Sample: 90.1	Spiked ID: Q3271-01MSD	Percent Solids for Spike Sample: 90.1

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	14900		14700		99.1	234		P
Antimony	mg/Kg	75 - 125	12.1		2.35	U	39.6	31	N	P
Arsenic	mg/Kg	75 - 125	36.2		3.92		39.6	81		P
Barium	mg/Kg	75 - 125	112		118		9.9	-65		P
Beryllium	mg/Kg	75 - 125	9.27		1.33		9.9	80		P
Cadmium	mg/Kg	75 - 125	10.9		1.06		9.9	100		P
Calcium	mg/Kg	75 - 125	1920		2580		49.5	-1326		P
Chromium	mg/Kg	75 - 125	37.7		22.9		19.8	75		P
Cobalt	mg/Kg	75 - 125	25.1		18.9		9.9	63	N	P
Copper	mg/Kg	75 - 125	29.9		19.7		14.9	68	N	P
Iron	mg/Kg	75 - 125	30100		31600		150	-993		P
Lead	mg/Kg	75 - 125	70.4		26.2		49.5	89		P
Magnesium	mg/Kg	75 - 125	5590		5950		99.1	-372		P
Manganese	mg/Kg	75 - 125	536		629		9.9	-939		P
Nickel	mg/Kg	75 - 125	53.5		32.5		24.8	85		P
Potassium	mg/Kg	75 - 125	1920		1540		500	76		P
Selenium	mg/Kg	75 - 125	79.0		0.78	J	99.1	79		P
Silver	mg/Kg	75 - 125	4.06		0.87		3.7	86		P
Sodium	mg/Kg	75 - 125	283		168		150	77		P
Thallium	mg/Kg	75 - 125	87.1		1.88	U	99.1	88		P
Vanadium	mg/Kg	75 - 125	50.1		40.3		14.9	66	N	P
Zinc	mg/Kg	75 - 125	77.7		78.0		9.9	-2		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q3277</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3290-01</u>	client id: <u>CL-02-100325MS</u>

Percent Solids for Sample: 95.3	Spiked ID: Q3290-01MS	Percent Solids for Spike Sample: 95.3
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Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.25		0.018		0.25	92		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>G Environmental</u>	level: <u>low</u>	sdg no.: <u>Q3277</u>
contract: <u>GENV01</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3290-01</u>	client id: <u>CL-02-100325MSD</u>

Percent Solids for Sample: 95.3	Spiked ID: Q3290-01MSD	Percent Solids for Spike Sample: 95.3
--	-------------------------------	--

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.27		0.018		0.25	101		CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client:	<u>G Environmental</u>	SDG No.:	<u>Q3277</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Level:	<u>LOW</u>
Sample ID:	<u>Q3271-01</u>	Client ID:	<u>72-11929A</u>
	Spiked ID:	<u>Q3271-01A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	32.9		2.35	U	37.6	88		P
Cobalt	mg/Kg	75 - 125	29.3		18.9		9.40	111		P
Copper	mg/Kg	75 - 125	31.8		19.7		14.1	86		P
Vanadium	mg/Kg	75 - 125	53.1		40.3		14.1	91		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3277</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3271-01</u>	Client ID:	<u>72-11929DUP</u>
Percent Solids for Sample:	90.1	Duplicate ID	Q3271-01DUP	Percent Solids for Spike Sample:	90.1

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	14700		16600		12		P
Antimony	mg/Kg	20	2.35	U	2.57	U			P
Arsenic	mg/Kg	20	3.92		4.38		11		P
Barium	mg/Kg	20	118		130		10		P
Beryllium	mg/Kg	20	1.33		1.50		12		P
Cadmium	mg/Kg	20	1.06		1.40		28	*	P
Calcium	mg/Kg	20	2580		2860		10		P
Chromium	mg/Kg	20	22.9		25.1		9		P
Cobalt	mg/Kg	20	18.9		20.8		10		P
Copper	mg/Kg	20	19.7		21.4		8		P
Iron	mg/Kg	20	31600		33900		7		P
Lead	mg/Kg	20	26.2		28.8		9		P
Magnesium	mg/Kg	20	5950		6610		11		P
Manganese	mg/Kg	20	629		696		10		P
Nickel	mg/Kg	20	32.5		36.0		10		P
Potassium	mg/Kg	20	1540		1680		9		P
Selenium	mg/Kg	20	0.78	J	0.65	J	19		P
Silver	mg/Kg	20	0.87		0.76		13		P
Sodium	mg/Kg	20	168		186		10		P
Thallium	mg/Kg	20	1.88	U	2.06	U			P
Vanadium	mg/Kg	20	40.3		45.4		12		P
Zinc	mg/Kg	20	78.0		84.4		8		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3277</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3271-01MS</u>	Client ID:	<u>72-11929MSD</u>
Percent Solids for Sample:	90.1	Duplicate ID	Q3271-01MSD	Percent Solids for Spike Sample:	90.1

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	14800		14900		1		P
Antimony	mg/Kg	20	12.5		12.1		3		P
Arsenic	mg/Kg	20	36.8		36.2		2		P
Barium	mg/Kg	20	117		112		4		P
Beryllium	mg/Kg	20	9.25		9.27		0		P
Cadmium	mg/Kg	20	11.0		10.9		1		P
Calcium	mg/Kg	20	2050		1920		7		P
Chromium	mg/Kg	20	38.1		37.7		1		P
Cobalt	mg/Kg	20	26.0		25.1		4		P
Copper	mg/Kg	20	30.3		29.9		1		P
Iron	mg/Kg	20	30500		30100		1		P
Lead	mg/Kg	20	71.9		70.4		2		P
Magnesium	mg/Kg	20	5640		5590		1		P
Manganese	mg/Kg	20	577		536		7		P
Nickel	mg/Kg	20	54.5		53.5		2		P
Potassium	mg/Kg	20	1990		1920		4		P
Selenium	mg/Kg	20	81.2		79.0		3		P
Silver	mg/Kg	20	4.19		4.06		3		P
Sodium	mg/Kg	20	281		283		1		P
Thallium	mg/Kg	20	94.1		87.1		8		P
Vanadium	mg/Kg	20	52.7		50.1		5		P
Zinc	mg/Kg	20	78.9		77.7		2		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3277</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3290-01</u>	Client ID:	<u>CL-02-100325DUP</u>
Percent Solids for Sample:	95.3	Duplicate ID	Q3290-01DUP	Percent Solids for Spike Sample:	95.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.018		0.020		11		CV

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>G Environmental</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3277</u>
Contract:	<u>GENV01</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3290-01MS</u>	Client ID:	<u>CL-02-100325MSD</u>
Percent Solids for Sample:	95.3	Duplicate ID	Q3290-01MSD	Percent Solids for Spike Sample:	95.3

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.25		0.27		9		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>G Environmental</u>	SDG No.:	<u>Q3277</u>
Contract:	<u>GENV01</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169979BS							
Aluminum	mg/Kg	100	97.8		98	80 - 120	P
Antimony	mg/Kg	40.0	41.0		102	80 - 120	P
Arsenic	mg/Kg	40.0	39.6		99	80 - 120	P
Barium	mg/Kg	10.0	9.09		91	80 - 120	P
Beryllium	mg/Kg	10.0	10.4		104	80 - 120	P
Cadmium	mg/Kg	10.0	9.53		95	80 - 120	P
Calcium	mg/Kg	50.0	50.3	J	101	80 - 120	P
Chromium	mg/Kg	20.0	22.1		110	80 - 120	P
Cobalt	mg/Kg	10.0	9.66		97	80 - 120	P
Copper	mg/Kg	15.0	15.5		103	80 - 120	P
Iron	mg/Kg	150	157		105	80 - 120	P
Lead	mg/Kg	50.0	47.4		95	80 - 120	P
Magnesium	mg/Kg	100	99.6	J	100	80 - 120	P
Manganese	mg/Kg	10.0	10.3		103	80 - 120	P
Nickel	mg/Kg	25.0	25.2		101	80 - 120	P
Potassium	mg/Kg	500	465		93	80 - 120	P
Selenium	mg/Kg	100	102		102	80 - 120	P
Silver	mg/Kg	3.8	3.78		100	80 - 120	P
Sodium	mg/Kg	150	131		87	80 - 120	P
Thallium	mg/Kg	100	84.5		84	80 - 120	P
Vanadium	mg/Kg	15.0	15.0		100	80 - 120	P
Zinc	mg/Kg	10.0	10.3		103	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169993BS Mercury	mg/Kg	0.27	0.25		91	80 - 120	CV

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

72-11929L

Lab Name: Alliance Contract: GENV01
Lab Code: ACE Lb No.: lb137447 Lab Sample ID : Q3271-01L SDG No.: Q3277
Matrix (soil/water): Solid Level (low/med): LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
Aluminum	14700		17600		20		P
Antimony	2.35	U	11.8	U			P
Arsenic	3.92		3.29	J	16		P
Barium	118		137		16		P
Beryllium	1.33		1.79		34		P
Cadmium	1.06		0.64	J	39		P
Calcium	2580		3230		25		P
Chromium	22.9		28.9		26		P
Cobalt	18.9		18.8		0		P
Copper	19.7		27.9		42		P
Iron	31600		36800		17		P
Lead	26.2		27.0		3		P
Magnesium	5950		7340		23		P
Manganese	629		783		24		P
Nickel	32.5		33.1		2		P
Potassium	1540		1700		10		P
Selenium	0.78	J	4.70	U	100.0		P
Silver	0.87		2.35	U	100.0		P
Sodium	168		170	J	2		P
Thallium	1.88	U	9.41	U			P
Vanadium	40.3		49.5		23		P
Zinc	78.0		95.3		22		P

Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

CL-02-100325L

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

Lb No.: lb137429

Lab Sample ID : Q3290-01L

SDG No.: Q3277

Matrix (soil/water): Solid

Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.018	0.063 U	100.0		CV

metals
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ANALYSIS RUN LOG

Client: G Environmental

Contract: GENV01

Lab code: ACE

Sdg no.: Q3277

Instrument id number: _____

Method: _____

Run number: LB137429

Start date: 10/06/2025

End date: 10/06/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1439	HG
S0.2	S0.2	1	1442	HG
S2.5	S2.5	1	1445	HG
S5	S5	1	1447	HG
S7.5	S7.5	1	1449	HG
S10	S10	1	1452	HG
ICV59	ICV59	1	1456	HG
ICB59	ICB59	1	1458	HG
CCV83	CCV83	1	1501	HG
CCB83	CCB83	1	1503	HG
CRA	CRA	1	1506	HG
PB169993BL	PB169993BL	1	1513	HG
PB169993BS	PB169993BS	1	1516	HG
Q3277-01	WC1	1	1528	HG
CCV84	CCV84	1	1530	HG
CCB84	CCB84	1	1533	HG
Q3290-01DUP	CL-02-100325DUP	1	1547	HG
Q3290-01MS	CL-02-100325MS	1	1549	HG
Q3290-01MSD	CL-02-100325MSD	1	1552	HG
Q3290-01L	CL-02-100325L	5	1554	HG
CCV85	CCV85	1	1559	HG
CCB85	CCB85	1	1602	HG

metals
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ANALYSIS RUN LOG

Client: G Environmental

Contract: GENV01

Lab code: ACE

Sdg no.: Q3277

Instrument id number: _____

Method: _____

Run number: LB137447

Start date: 10/07/2025

End date: 10/07/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1029	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1034	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1038	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1042	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1046	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1050	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1054	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1201	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1206	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1210	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1214	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1237	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1250	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1258	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1419	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1424	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3271-01L	72-11929L	5	1440	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3271-01MS	72-11929MS	1	1444	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3271-01MSD	72-11929MSD	1	1448	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3271-01A	72-11929A	1	1452	Co,Cu,Sb,V
Q3277-01	WC1	1	1504	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1508	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1512	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3271-01DUP	72-11929DUP	1	1538	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169979BL	PB169979BL	1	1552	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169979BS	PB169979BS	1	1556	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1600	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1604	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1650	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1701	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1749	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1759	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1844	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1848	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1920	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1924	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn



METAL PREPARATION & INSTRUMENT DATA

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

LAB CHRONICLE

OrderID:	Q3277	OrderDate:	10/2/2025 3:50:00 PM
Client:	G Environmental	Project:	Newport
Contact:	Gary Landis	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3277-01	WC1	SOIL			09/30/25			10/02/25
			Mercury	7471B		10/06/25	10/06/25	
			Metals ICP-TAL	6010D		10/03/25	10/07/25	
Q3277-02	WC1	TCLP			09/30/25			10/02/25
			TCLP ICP Metals	6010D		10/06/25	10/07/25	
			TCLP Mercury	7470A		10/06/25	10/07/25	



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169979							
PB169979BL	PB169979BL	MB	SOLID	10/03/2025	2.00	100.0	100.00
PB169979BS	PB169979BS	LCS	SOLID	10/03/2025	2.00	100.0	100.00
Q3271-01DUP	72-11929DUP	DUP	SOLID	10/03/2025	2.16	100.0	90.10
Q3271-01MS	72-11929MS	MS	SOLID	10/03/2025	2.20	100.0	90.10
Q3271-01MSD	72-11929MSD	MSD	SOLID	10/03/2025	2.24	100.0	90.10
Q3277-01	WC1	SAM	SOLID	10/03/2025	2.30	100.0	97.60

Metals
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SAMPLE PREPARATION SUMMARY

Client: G Environmental

SDG No.: Q3277

Contract: GENV01

Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169993							
PB169993BL	PB169993BL	MB	SOLID	10/06/2025	0.54	35.0	100.00
PB169993BS	PB169993BS	LCS	SOLID	10/06/2025	0.52	35.0	100.00
Q3277-01	WC1	SAM	SOLID	10/06/2025	0.58	35.0	97.60
Q3290-01DUP	CL-02-100325DUP	DUP	SOLID	10/06/2025	0.58	35.0	95.30
Q3290-01MS	CL-02-100325MS	MS	SOLID	10/06/2025	0.59	35.0	95.30
Q3290-01MSD	CL-02-100325MSD	MSD	SOLID	10/06/2025	0.58	35.0	95.30

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137429

Review By	mohan	Review On	10/7/2025 4:12:40 PM
Supervise By	janvi	Supervise On	10/7/2025 11:28:39 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87442,MP874423,MP87444,MP87445,MP87447,MP87448		
ICV Standard	MP87449		
CCV Standard	MP87451		
ICSA Standard			
CRI Standard	MP87453		
LCS Standard			
Chk Standard	MP87450,MP87452,MP87454,MP87456		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/06/25 14:39		mohan	OK
2	S0.2	S0.2	CAL2	10/06/25 14:42		mohan	OK
3	S2.5	S2.5	CAL3	10/06/25 14:45		mohan	OK
4	S5	S5	CAL4	10/06/25 14:47		mohan	OK
5	S7.5	S7.5	CAL5	10/06/25 14:49		mohan	OK
6	S10	S10	CAL6	10/06/25 14:52		mohan	OK
7	ICV59	ICV59	ICV	10/06/25 14:56		mohan	OK
8	ICB59	ICB59	ICB	10/06/25 14:58		mohan	OK
9	CCV83	CCV83	CCV	10/06/25 15:01		mohan	OK
10	CCB83	CCB83	CCB	10/06/25 15:03		mohan	OK
11	CRA	CRA	CRDL	10/06/25 15:06		mohan	OK
12	HighStd	HighStd	HIGH STD	10/06/25 15:08		mohan	OK
13	ChkStd	ChkStd	SAM	10/06/25 15:10		mohan	OK
14	PB169993BL	PB169993BL	MB	10/06/25 15:13		mohan	OK
15	PB169993BS	PB169993BS	LCS	10/06/25 15:16		mohan	OK
16	Q3270-01	SG-1-TEST-PIT	SAM	10/06/25 15:18		mohan	OK
17	Q3271-01	72-11929	SAM	10/06/25 15:21		mohan	OK
18	Q3272-01	VNJ-235	SAM	10/06/25 15:23		mohan	OK

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QC Batch ID # LB137429

Review By	mohan	Review On	10/7/2025 4:12:40 PM
Supervise By	janvi	Supervise On	10/7/2025 11:28:39 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87442,MP874423,MP87444,MP87445,MP87447,MP87448		
ICV Standard	MP87449		
CCV Standard	MP87451		
ICSA Standard			
CRI Standard	MP87453		
LCS Standard			
Chk Standard	MP87450,MP87452,MP87454,MP87456		

19	Q3272-03	R7	SAM	10/06/25 15:25		mohan	OK
20	Q3277-01	WC1	SAM	10/06/25 15:28		mohan	OK
21	CCV84	CCV84	CCV	10/06/25 15:30		mohan	OK
22	CCB84	CCB84	CCB	10/06/25 15:33		mohan	OK
23	Q3288-01	TR-01-100325	SAM	10/06/25 15:36		mohan	OK
24	Q3289-01	VNJ-240	SAM	10/06/25 15:38		mohan	OK
25	Q3289-03	VNJ-261	SAM	10/06/25 15:40		mohan	OK
26	Q3289-05	72-11966	SAM	10/06/25 15:43		mohan	OK
27	Q3290-01	CL-02-100325	SAM	10/06/25 15:45		mohan	OK
28	Q3290-01DUP	CL-02-100325DUP	DUP	10/06/25 15:47		mohan	OK
29	Q3290-01MS	CL-02-100325MS	MS	10/06/25 15:49		mohan	OK
30	Q3290-01MSD	CL-02-100325MSD	MSD	10/06/25 15:52		mohan	OK
31	Q3290-01L	CL-02-100325L	SD	10/06/25 15:54		mohan	OK
32	Q3290-01A	CL-02-100325A	PS	10/06/25 15:57		mohan	OK
33	CCV85	CCV85	CCV	10/06/25 15:59		mohan	OK
34	CCB85	CCB85	CCB	10/06/25 16:02		mohan	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137447

Review By	Janvi	Review On	10/8/2025 2:41:18 PM
Supervise By	jaswal	Supervise On	10/8/2025 11:43:16 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87074,MP87083,MP87082,MP87080,MP87079,MP87078,MP87077,MP87076,MP87075		
ICV Standard	MP87085,MP87082		
CCV Standard	MP87086		
ICSA Standard	MP87087,MP87088		
CRI Standard	MP87082		
LCS Standard			
Chk Standard	MP87091,MP87092		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	10/07/25 10:29		Jaswal	OK
2	S1	S1	CAL2	10/07/25 10:34		Jaswal	OK
3	S2	S2	CAL3	10/07/25 10:38		Jaswal	OK
4	S3	S3	CAL4	10/07/25 10:42		Jaswal	OK
5	S4	S4	CAL5	10/07/25 10:46		Jaswal	OK
6	S5	S5	CAL6	10/07/25 10:50		Jaswal	OK
7	ICV01	ICV01	ICV	10/07/25 10:54		Jaswal	OK
8	LLICV01	LLICV01	LLICV	10/07/25 12:01		Jaswal	OK
9	ICB01	ICB01	ICB	10/07/25 12:06		Jaswal	OK
10	CRI01	CRI01	CRDL	10/07/25 12:10		Jaswal	OK
11	ICSA01	ICSA01	ICSA	10/07/25 12:14		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	10/07/25 12:37		Jaswal	OK
13	ICSADL	ICSADL	ICSA	10/07/25 12:41		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	10/07/25 12:45		Jaswal	OK
15	CCV01	CCV01	CCV	10/07/25 12:50		Jaswal	OK
16	CCB01	CCB01	CCB	10/07/25 12:58		Jaswal	OK
17	Q3283-01	001-WILLETS-PT-BL	SAM	10/07/25 13:21		Jaswal	OK
18	Q3283-02	002-35TH-AVE(SEP)	SAM	10/07/25 13:25		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137447

Review By	Janvi	Review On	10/8/2025 2:41:18 PM
Supervise By	jaswal	Supervise On	10/8/2025 11:43:16 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87074,MP87083,MP87082,MP87080,MP87079,MP87078,MP87077,MP87076,MP87075		
ICV Standard	MP87085,MP87082		
CCV Standard	MP87086		
ICSA Standard	MP87087,MP87088		
CRI Standard	MP87082		
LCS Standard			
Chk Standard	MP87091,MP87092		

19	Q3283-02DUP	002-35TH-AVE(SEP)DUP	10/07/25 13:29	Jaswal	OK
20	Q3283-02L	002-35TH-AVE(SEP)SD	10/07/25 13:33	Jaswal	OK
21	Q3283-02MS	002-35TH-AVE(SEP)MS	10/07/25 13:38	Jaswal	OK
22	Q3283-02MSD	002-35TH-AVE(SEP)MSD	10/07/25 13:42	Jaswal	OK
23	Q3283-02A	002-35TH-AVE(SEP)PS	10/07/25 13:46	Jaswal	OK
24	LR-1	LR-1	HIGH STD 10/07/25 13:50	Jaswal	OK
25	LR-3	LR-3	HIGH STD 10/07/25 13:59	Jaswal	OK
26	LR-2	LR-2	HIGH STD 10/07/25 14:10	Jaswal	OK
27	CCV02	CCV02	CCV 10/07/25 14:19	Jaswal	OK
28	CCB02	CCB02	CCB 10/07/25 14:24	Jaswal	OK
29	Q3270-01	SG-1-TEST-PIT	SAM 10/07/25 14:28	Jaswal	OK
30	Q3271-01	72-11929	SAM 10/07/25 14:32	Jaswal	OK
31	Q3271-01L	72-11929L	SD 10/07/25 14:40	Jaswal	OK
32	Q3271-01MS	72-11929MS	MS 10/07/25 14:44	Jaswal	OK
33	Q3271-01MSD	72-11929MSD	MSD 10/07/25 14:48	Jaswal	OK
34	Q3271-01A	72-11929A	PS 10/07/25 14:52	Jaswal	OK
35	Q3272-01	VNJ-235	SAM 10/07/25 14:56	Jaswal	OK
36	Q3272-03	R7	SAM 10/07/25 15:00	Ca is high, need dilution	Dilution
37	Q3277-01	WC1	SAM 10/07/25 15:04	Jaswal	OK
38	CCV03	CCV03	CCV 10/07/25 15:08	Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137447

Review By	Janvi	Review On	10/8/2025 2:41:18 PM
Supervise By	jaswal	Supervise On	10/8/2025 11:43:16 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87074,MP87083,MP87082,MP87080,MP87079,MP87078,MP87077,MP87076,MP87075		
ICV Standard	MP87085,MP87082		
CCV Standard	MP87086		
ICSA Standard	MP87087,MP87088		
CRI Standard	MP87082		
LCS Standard			
Chk Standard	MP87091,MP87092		

39	CCB03	CCB03	CCB	10/07/25 15:12		Jaswal	OK
40	Q3269-03	EG1-TP1	SAM	10/07/25 15:17		Jaswal	OK
41	Q3269-06	EG1-TP2	SAM	10/07/25 15:21		Jaswal	OK
42	Q3281-01	001-WILLETS-PT-BL	SAM	10/07/25 15:26		Jaswal	OK
43	Q3281-02	002-35TH-AVE(OCT)	SAM	10/07/25 15:30		Jaswal	OK
44	Q3272-03DL	R7DL	SAM	10/07/25 15:34	25X for Ca	Jaswal	Confirms
45	Q3271-01DUP	72-11929DUP	DUP	10/07/25 15:38		Jaswal	OK
46	PB169982BL	PB169982BL	MB	10/07/25 15:43		Jaswal	OK
47	PB169982BS	PB169982BS	LCS	10/07/25 15:48		Jaswal	OK
48	PB169979BL	PB169979BL	MB	10/07/25 15:52		Jaswal	OK
49	PB169979BS	PB169979BS	LCS	10/07/25 15:56		Jaswal	OK
50	CCV04	CCV04	CCV	10/07/25 16:00		Jaswal	OK
51	CCB04	CCB04	CCB	10/07/25 16:04		Jaswal	OK
52	PB169996BS	PB169996BS	LCS	10/07/25 16:08		Jaswal	OK
53	Q3266-02	ENV-4-6FT	SAM	10/07/25 16:13		Jaswal	OK
54	Q3266-02DUP	ENV-4-6FTDUP	DUP	10/07/25 16:17		Jaswal	OK
55	Q3266-02L	ENV-4-6FTL	SD	10/07/25 16:20		Jaswal	OK
56	Q3266-02MS	ENV-4-6FTMS	MS	10/07/25 16:25		Jaswal	OK
57	Q3266-02MSD	ENV-4-6FTMSD	MSD	10/07/25 16:29		Jaswal	OK
58	Q3266-02A	ENV-4-6FTA	PS	10/07/25 16:33		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137447

Review By	Janvi	Review On	10/8/2025 2:41:18 PM
Supervise By	jaswal	Supervise On	10/8/2025 11:43:16 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87074,MP87083,MP87082,MP87080,MP87079,MP87078,MP87077,MP87076,MP87075		
ICV Standard	MP87085,MP87082		
CCV Standard	MP87086		
ICSA Standard	MP87087,MP87088		
CRI Standard	MP87082		
LCS Standard			
Chk Standard	MP87091,MP87092		

59	Q3258-06DL	COMPOSITEDL	SAM	10/07/25 16:37	Not use	Jaswal	Not Ok
60	PB169971TB	PB169971TB	MB	10/07/25 16:41		Jaswal	OK
61	Q3262-03	MOO-25-0280	SAM	10/07/25 16:45		Jaswal	OK
62	CCV05	CCV05	CCV	10/07/25 16:50		Jaswal	OK
63	CCB05	CCB05	CCB	10/07/25 17:01		Jaswal	OK
64	Q3262-06	MOO-25-0281-82	SAM	10/07/25 17:05		Jaswal	OK
65	Q3262-09	279887	SAM	10/07/25 17:10		Jaswal	OK
66	Q3277-02	WC1	SAM	10/07/25 17:14		Jaswal	OK
67	Q3289-02	VNJ-240	SAM	10/07/25 17:19		Jaswal	OK
68	Q3289-04	VNJ-261	SAM	10/07/25 17:23		Jaswal	OK
69	Q3289-06	72-11966	SAM	10/07/25 17:27		Jaswal	OK
70	Q3289-06DUP	72-11966DUP	DUP	10/07/25 17:32		Jaswal	OK
71	Q3289-06L	72-11966L	SD	10/07/25 17:36		Jaswal	OK
72	Q3289-06MS	72-11966MS	MS	10/07/25 17:40		Jaswal	OK
73	Q3289-06MSD	72-11966MSD	MSD	10/07/25 17:44		Jaswal	OK
74	CCV06	CCV06	CCV	10/07/25 17:49		Jaswal	OK
75	CCB06	CCB06	CCB	10/07/25 17:59		Jaswal	OK
76	Q3289-06A	72-11966A	PS	10/07/25 18:03		Jaswal	OK
77	Q3287-02	TSS-25-0001-0002	SAM	10/07/25 18:07		Jaswal	OK
78	PB169996BL	PB169996BL	MB	10/07/25 18:11		Jaswal	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB137447

Review By	Janvi	Review On	10/8/2025 2:41:18 PM
Supervise By	jaswal	Supervise On	10/8/2025 11:43:16 PM
STD. NAME	STD REF.#		
ICAL Standard	MP87074,MP87083,MP87082,MP87080,MP87079,MP87078,MP87077,MP87076,MP87075		
ICV Standard	MP87085,MP87082		
CCV Standard	MP87086		
ICSA Standard	MP87087,MP87088		
CRI Standard	MP87082		
LCS Standard			
Chk Standard	MP87091,MP87092		

79	PB169983BL	PB169983BL	MB	10/07/25 18:15		Jaswal	OK
80	PB169983BS	PB169983BS	LCS	10/07/25 18:20		Jaswal	OK
81	Q3288-01	TR-01-100325	SAM	10/07/25 18:24		Jaswal	OK
82	Q3289-01	VNJ-240	SAM	10/07/25 18:28		Jaswal	OK
83	Q3289-03	VNJ-261	SAM	10/07/25 18:32		Jaswal	OK
84	Q3289-05	72-11966	SAM	10/07/25 18:36		Jaswal	OK
85	Q3290-01	CL-02-100325	SAM	10/07/25 18:40		Jaswal	OK
86	CCV07	CCV07	CCV	10/07/25 18:44		Jaswal	OK
87	CCB07	CCB07	CCB	10/07/25 18:48		Jaswal	OK
88	Q3290-01DUP	CL-02-100325DUP	DUP	10/07/25 18:52		Jaswal	OK
89	Q3290-01L	CL-02-100325L	SD	10/07/25 18:56		Jaswal	OK
90	Q3290-01MS	CL-02-100325MS	MS	10/07/25 19:00		Jaswal	OK
91	Q3290-01MSD	CL-02-100325MSD	MSD	10/07/25 19:04		Jaswal	OK
92	Q3290-01A	CL-02-100325A	PS	10/07/25 19:08		Jaswal	OK
93	Q3257-01DL	ENV1-6FTDL	SAM	10/07/25 19:12	5X for Ag	Jaswal	Confirms
94	Q3257-02DL	ENV2-6FTDL	SAM	10/07/25 19:16	5X for Ag	Jaswal	Confirms
95	CCV08	CCV08	CCV	10/07/25 19:20		Jaswal	OK
96	CCB08	CCB08	CCB	10/07/25 19:24		Jaswal	OK

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pipette ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #2 2. N/A

Start Digest Date: 10/03/2025 Time : 10:30 Temp : 96 °C

End Digest Date: 10/03/2025 Time : 12:35 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: *SKS*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6180
LFS-2	1.00	M6181
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	5.00	M6158
1:1 HNO3	10.00	MP85156
30% H2O2	3.00	M6170
Conc. HCL	10.00	M6151
PTFE Boiling Stones	N/A	M5581
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#2 CELL#35 96C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/3/2025 13:35	<i>SKS metals</i>	<i>SKS metals lab</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB169979BL	PBS979	N/A	2.00	100	Colorless	Colorless	Fine	No	N/A	1
PB169979BS	LCS979	N/A	2.00	100	Colorless	Colorless	Fine	No	M6180,M6181	2
Q3270-01	SG-1-TEST-PIT	N/A	2.44	100	Brown	Yellow	Medium	No	N/A	3
Q3271-01	72-11929	N/A	2.36	100	Brown	Yellow	Medium	No	N/A	4
Q3271-01MS	72-11929MS	N/A	2.20	100	Brown	Yellow	Medium	No	M6180,M6181	6
Q3271-01MSD	72-11929MSD	N/A	2.24	100	Brown	Yellow	Medium	No	M6180,M6181	7
Q3271-01DUP	72-11929DUP	N/A	2.16	100	Brown	Yellow	Medium	No	N/A	5
Q3272-01	VNJ-235	N/A	2.34	100	Brown	Yellow	Medium	No	N/A	8
Q3272-03	R7	N/A	2.33	100	Brown	Yellow	Medium	No	N/A	9
Q3277-01	WC1	N/A	2.30	100	Brown	Yellow	Medium	No	N/A	10

SOP ID : M7471B-Mercury-19

SDG No : NA

Start Digest Date: 10/06/2025 Time : 09:25 Temp : 94 °C

Matrix : SOIL

End Digest Date: 10/06/2025 Time : 09:55 Temp : 95 °C

Pipette ID: HG B

Digestion tube ID: M5595

Balance ID : M SC-3

Block thermometer ID: HG-DIG#3

Filter paper ID : NA

Dig Technician Signature: *MS*

pH Strip ID : NA

Supervisor Signature: *12*

Hood ID : #1

Temp : 1. 94°C 2. N/A

Block ID: 1. HG HOT BLOCK#3 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87449
CCV	30mL	MP87451
CRA	30mL	MP87453
Blank Spike	0.48mL	MP87441
Matrix Spike	0.48mL	MP87441

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5ML	MP87455
KMnO4 (5%)	4.5mL	MP87072
Hydroxylamine HCL (12%)	2.0ML	MP87149
PTFE Boiling Stones	-----	M5582
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP87442
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP87443
2.5 ppb	S2.5	30mL	MP87444
5.0 ppb	S5.0	30mL	MP87445
7.5 ppb	S7.5	30mL	MP87447
10.0 ppb	S10.0	30mL	MP87448
ICV	ICV	30mL	MP87449
ICB	ICB	30mL	MP87450
CCV	CCV	30mL	MP87451
CCB	CCB	30mL	MP87452
CRI	CRI	30mL	MP87453
CHK STD	CHK STD	30mL	MP87454

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/06/25 10:35	<i>MS, N/A, LMS</i>	<i>MS, sample LMS</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB169993BL	PBS993	0.54	35	NA	N/A	3-1
PB169993BS	LCS993	0.52	35	NA	MP87441	2
Q3270-01	SG-1-TEST-PIT	0.51	35	NA	N/A	3
Q3271-01	72-11929	0.59	35	NA	N/A	4
Q3272-01	VNJ-235	0.58	35	NA	N/A	5
Q3272-03	R7	0.55	35	NA	N/A	6
Q3277-01	WC1	0.58	35	NA	N/A	7
Q3288-01	TR-01-100325	0.58	35	NA	N/A	8
Q3289-01	VNJ-240	0.57	35	NA	N/A	9
Q3289-03	VNJ-261	0.51	35	NA	N/A	10
Q3289-05	72-11966	0.59	35	NA	N/A	11
Q3290-01	CL-02-100325	0.58	35	NA	N/A	12
Q3290-01DUP	CL-02-100325DUP	0.58	35	NA	N/A	13
Q3290-01MS	CL-02-100325MS	0.59	35	NA	MP87441	14
Q3290-01MSD	CL-02-100325MSD	0.58	35	NA	MP87441	15